

AMENDMENT TO THE CLAIMS

What is claimed is:

1. – 5. Withdrawn.

6. (original) A system for calibration process management of one or more than one unit under test (UUT), each UUT being an instance of a UUT equipment type, comprising:

- a first computer readable medium for storing one or more first data objects representing calibration data from the one or more than one UUT;
- a second computer readable medium for storing a first globally unique identifier in an association relationship to one of the one or more first data objects;
- a third computer readable medium for storing one or more second data objects representing a reference standard for the UUT equipment class;
- a fourth computer readable medium for storing a second globally unique identifier in an association relationship to one of the one or more second data objects;
- a calibration management control program embodied on a fifth computer-readable medium for calibration of the one or more than one UUT, the calibration management control program in communication with the first data objects, second data objects, first globally unique identifier and second globally unique identifier, and
- an application program interface embodied on a sixth computer-readable medium for execution on a computer in conjunction with the calibration management control program.

7. (original) The system of claim 6 wherein the calibration management control program permits contemporaneous calibration of more than one UUT, and the application program interface is configured for contemporaneous calibration of more than one UUT, each UUT being an instance of the same UUT equipment type.

8. (original) The system of claim 6, wherein the application program interface is configured to receive identification of the UUT equipment type, and a value as found for a specific calibration function, and display tolerance limits for the UUT based upon the

UUT equipment type.

9. – 17. Withdrawn

18. (new) The system of claim 6, where the application program interface is a user interface.

19. (new) The system of claim 18, further comprising means for displaying a test accuracy ratio and an estimated measurement uncertainty.

20. (new) The system of claim 8, wherein the interface is further configured to receive an asset number for the UUT, and a value as left for the specific calibration function.

21. (new) The system of claim 20, further comprising means for indicating whether the value as found or the value as left is within the tolerance limits.